CONTENTS OF VOLUME 40

NUMBER 1, JULY

COMMENTARIES

Primary Disorders of the Serum Lipoproteins in Childhood—*O. H. Wolff* 1
"When Should One Ligate the Umbilical Cord?" 5

ARTICLES

The Effects of Placental Transfusion on Respiratory Mechanics of Normal Term Newborn Infants—*William Oh, Göran Wallgren, John S. Hanson, and John Lind* 6
Lung Phospholipids and Surface Tension Correlations in Infants with and without Hyaline Membrane Disease and in Adults—*George W. Brumley, W. Alan Hodson, and Mary Ellen Avery* 13
Airway Obstruction in a Newborn by Pedunculated Pharyngeal Dermoid—*William J. Loeb and Earl E. Smith* 20
Idiopathic Pulmonary Hemosiderosis: Clinical, Radiological, and Respiratory Function Studies—*Guillermo Repetto, Carmen Lisboa, Eugenia Emparanza, Ricardo Ferretti, Manuel Neira, Martin Etchart, and Julio Meneghello* 24
Congenital Malformations in Offspring of Phenylketonuric Mothers—*Roger E. Stevenson and Carolyn C. Huntley* 33
Descriptive Evaluations of Child Development and of Developmental Settings—*Bettye M. Caldwell* 46
Children of Incest—*Morton S. Adams and James V. Neel* 55
Oral-facial-digital Syndrome in a Chromosomally Normal Male—*Frederick Mandell, Pearay L. Ogra, Sidney L. Horowitz, and Kurt Hirschhorn* 63
Studies of Carbohydrate Metabolism in the Newborn Infant. IX. Blood Glucose Levels and Hypoglycemia in Twins—*Rosita S. Pildes, Audrey E. Forbes, and Marvin Cornblath* 69
Meningococcemia Associated with Intravascular Coagulation—*Charles F. Abildgaard, James J. Corrigan, Ruth T. Seeler, Joseph V. Simone, and Irving Schulman* 78
Diagnosis and Treatment: Psychogenic, Recurrent, Abdominal Pain—*Morris Green* 84

EXPERIENCE AND REASON—BRIEFLY RECORDED

Hematologic Reactions to Diazoxide—*Jerome T. Combs, Jerome A. Grunt, and Ira K. Brandt* 90
Studies of Granulopoiesis and Granulocyte Kinetics in Down's Syndrome—*Howard A. Pearson* .. 92
Anticipating the Response to Amphetamine Therapy in the Treatment of Hyperkinetic Children—*W. Glenn Conrad and Jonathan Insel* 95
Resuscitation of the Apneic Premature Infant—*Kit G. Johnson and S. Gorham Babson* 99
Magnesium Intoxication in a Premature Infant—*June P. Brady and H. C. Williams* 100
Rheumatic Heart Disease and Pregnancy in Adolescent Rheumatic Fever Patients—*Leon Gordis and Milton Markowitz* 103
A Simple Method for Blood Pressure Measurements in the Premature and Newborn Infant—*Heinz Kafka* 106

REVIEW ARTICLE

Placental Transfusion: Early *Versus* Late Clamping of the Umbilical Cord—*Arthur J. Moss and Michelle Monset-Couchard* 109

SPECIAL ARTICLE

Pediatrics in South Vietnam—*George W. Hallett* 127

AMERICAN ACADEMY OF PEDIATRICS

Absence of Vitamin D in Nonfat Dry Milk—*Committee on Nutrition* 130

LETTERS TO THE EDITOR 132

BOOK REVIEWS 150

NEW PUBLICATIONS RECEIVED 153

RESÚMENES EN ESPAÑOL 154

NUMBER 2, AUGUST

COMMENTARIES

Collaborative Research in Pediatric Practice—*Robert J. Haggerty* 157
Household Products—Obsolete Containers—Inevitable Poisonings—*Henri J. Breault* 159
Postmaturity 161

ARTICLES

Study of Adrenal Function in Children with Meningitis—*Claude J. Migeon, Frederic M. Kenny, Wellington Hung, and Mary L. Voorhess, with Betty Lawrence and Catherine Richards* 163
Prolonged Hypertension Following Cessation of Desoxycorticosterone Therapy in Congenital Adrenal Hyperplasia—*James F. Marks and Chester W. Fink* 184
How Well Do Patients Take Oral Penicillin? A Collaborative Study in Private Practice—*Evan Charney, Rufus Bynum, Donald Eldredge, Donald Frank, James B. MacWhinney, Neal McNabb, Albert Scheiner, Edwin A. Sumpter, and Howard Iker* 188
Follow-up Study of Exchange Transfusion for Hyperbilirubinemia in Infants in Japan—*Toru Ose, Tsuneo Tsuruhara, Masayoshi Araki, Toshiyuki Hanaoka, and Ovid B. Bush, Jr.* 196
Factors Pertaining to Prolonged Pregnancy and Its Outcome—*Michael A. Zwerdling* 202
Postnatal Bone Growth of Infants with Fetal Growth Retardation—*Miriam G. Wilson, Harvey I. Meyers, and Allen H. Peters* 213
Purulent Pericarditis in Infancy—*Welton M. Gersony and George H. McCracken, Jr.* 224
The Nephrotic Syndrome of Infancy: Clinical, Morphologic, and Immunologic Studies of Four Infants—*J. R. Hoyer, A. F. Michael, Jr., R. A. Good, and R. L. Vernier* 233
Intelligence of the Unidentified Phenylketonuric Child—*Eleanor S. Brown and Harry A. Waisman* 247
The Bobble-head Doll Syndrome: A "Tic" with a Neuropathologic Basis—*Gerhard Nellhaus* 250
Post-irradiation Mesenchymal Chondrosarcoma—A Case Report—*William P. Sears, Melvin Tefft, and Jonathan Cohen* 254
Ventilation and Respiratory Gas Transfer of Infants with Increased Pulmonary Blood Flow—*Martin H. Lees, R. Clifton Way, and Benjamin B. Ross* 259
Congenital Mesoblastic Nephroma of Infancy: A Report of Eight Cases and the Relationship to Wilms' Tumor—*Robert P. Bolande, A. Joseph Brough, and Robert J. Izant, Jr.* 272
Diagnosis and Treatment: The Complications of Steroid Treatment—*Walter R. Eberlein, Alfred M. Bongiovanni, Carmen Saenz Rodriguez* 279

EXPERIENCE AND REASON—BRIEFLY RECORDED

Congenital Hypothyroidism and Prolonged Neonatal Hyperbilirubinemia—*Margaret H. MacGillivray, John D. Crawford, and John S. Robey* 283
Results of Testing a Child-resistant Medicine Container—*Carl E. Stracener, Robert G. Scherz, and Richard I. Crone* 286

AMERICAN ACADEMY OF PEDIATRICS

Nutritional Management in Hereditary Metabolic Disease—*Committee on Nutrition* 289

LETTERS TO THE EDITOR 305

CORRECTION 278

BOOK REVIEWS 312

NEW PUBLICATIONS RECEIVED 314

RESÚMENES EN ESPAÑOL 315

NUMBER 3, PART I, SEPTEMBER

COMMENTARY

Thrombosis of the Femoral Artery Following Femoral Venipuncture—*R. J. McKay, Jr.* 319

ARTICLES

Anomalous Left Coronary Artery Originating from the Pulmonary Artery: Detailed Follow-up Report of Successful Ligation of the Aberrant Vessel in Two Infants—*Henry R. Wagner, Alexander S. Nadas, and Paul G. Hugenholtz* 320

Congenital Diaphragmatic Hernia and Hypoplastic Left Heart: A Case Report and Discussion—*Frederick N. Firestone, Robert W. Popper, Hooshang Taybi, and Richard Leonards* 329
Mortality from Congenital Cardiovascular Disease in Oregon—*Victor D. Menashe, Harold T. Osterud, and Herbert E. Griswold* 334
Hypoproteinemia in Intestinal Lymphangiectasia: Contribution of Albumin "Trapping" in the Lymphedematous Extremity—*T. Herskovic, S. J. Winawer, R. Goldsmith, R. Klein, and N. Zamcheck* 345
Gastrointestinal Milk Allergy in Infants—*Joyce D. Gryboski* 354
Smoking Behavior of Newton School Children—5-year Follow-up—*Eva J. Salber and Theodor Abelin* 363
School Underachievement in the Adolescent: A Review of 73 Cases—*S. L. Hammar* 373
A Developmental Study of Children's Scribblings—*Harry Baker and Rhoda Kellogg* 382
Two Mistaken Diagnoses of Fatal Illness in Brothers—*Richard Winkelmayer, A. Bradford Judd, and Richard P. Stearns* 390
Cerebral Gigantism in Childhood: A Report of Two Cases and a Review of the Literature—*Aubrey Milunsky, Valerie A. Cowie, and Elaine C. Donoghue* 395
Thoracic Gas Volume Changes in Premature Infants—*D. W. Thibeault, M. M. Wong, and P. A. M. Auld* 403
Glycogen Metabolism in Fetal, Neonatal, and Infant Muscle of the Rhesus Monkey—*Rose Mary Bocek and Clarissa H. Beatty, with Martha M. Young* 412
The Involvement of the Labial Mucous Salivary Gland in Patients with Cystic Fibrosis. II. The Heterozygote State—*Laura R. Sweney, Michael C. Hedrick, Lawrence H. Meskin, and Warren J. Warwick* 421
Magnesium Studies in Relation to Vitamin D-Resistant Rickets—*Constantine S. Anast* 425
Subdural Hematoma of the Posterior Fossa: Report of a Case—*Paul J. Pitlyk, Ross H. Miller, and Lois A. Stayura* 436
Pediatric Use of the Rapid Plasma Reagin (Circle) Card Test—*John C. Herweg, F. Donald Hoffmann, and Charles A. Reed* 440

EXPERIENCE AND REASON—BRIEFLY RECORDED

Immunological Response of the Newborn Infant to Coxsackie B-4 Infection—*Otto F. Sieber, Jr., Andrew H. Kilgus, Vincent A. Fulginiti, and David Pearlman* 444
Influence of Diethylnicotinamide on the Concentration of Serum Bilirubin of Newborn Infants—*F. Sereni, L. Perletti, and A. Marini* 446
Fatal Chloroquine Ingestion: An Increasing Hazard—*John W. Carson, Jr., Michel L. Barringer, and Robert E. Jones, Jr.* 449
Arterial Thrombosis Following Femoral Venipuncture in Edematous Nephrotic Children—*Richard B. Goldbloom, Donald A. Hillman, and Thomas V. Santulli* 450
Salivary Immunoglobulins: Absence of γA in Saliva Following Exchange Transfusions in Neonatal Period—*John C. Selner, Deborah A. Merrill, and Henry N. Claman* 452

AMERICAN ACADEMY OF PEDIATRICS

Obesity in Childhood—*Committee on Nutrition* 455

LETTERS TO THE EDITOR 468

BOOK REVIEWS 476

NEW PUBLICATIONS RECEIVED 480

RESÚMENES EN ESPAÑOL 482

NUMBER 3, PART II, SEPTEMBER

Care of the Child with Cancer—Edited by *Abraham B. Bergman and Charles J. A. Schulte, III* 487

NUMBER 4, PART I, OCTOBER

COMMENTARY

Mortality and Morality—*Alfred Yankauer* 547

ARTICLES

The Effect of Malnutrition on the Synthesis of a Myelin Lipid—*H. Peter Chase, James Dorsey, and Guy M. McKhann* 551

Benign VI Nerve Palsies in Children—*David L. Knox, David B. Clark, and Frank F. Schuster* .. 560
Citrullinemia with Defective Urea Production—*Grant Morrow, III, Lewis A. Barness, and Mary L. Efron* 565
Turner's Phenotype in the Male—*Pierre E. Ferrier and Simone A. Ferrier* 575
Prevalence of Homocystinuria Among the Mentally Retarded: Evaluation of a Specific Screening Test—*George Link Spaeth and G. Winston Barber* 586
Etiologic Interrelationship in Down's Syndrome, Hypothyroidism, and Precocious Sexual Development—*H. F. Pabst, S. Pueschel, and D. A. Hillman* 590
Developmental Characteristics of Abused Children—*Elizabeth Elmer and Grace S. Gregg* 596
Physical, Intellectual, and Educational Characteristics of a Sample of Job Corps Trainees—*R. W. Deisher, S. L. Hammar, Otis Ramsey, Richard Gode, and Fred Seligman* 603
Plague Meningitis: A Report of Three Cases in Children and Review of the Problem—*Albert R. Martin, Felix P. Hurtado, Richard A. Plessala, Elisa G. Hurtado, Charles E. Chapman, Edward L. Callahan, and Robert L. Brutsché* 610
Enteroviral Meningitis in Very Young Infants—*Alan G. Nogen and Martha L. Lepow* 617
Dermal Erythropoiesis in Neonatal Infants: A Manifestation of Intra-uterine Viral Disease—*A. J. Brough, D. Jones, R. H. Page, and I. Mizukami* 627
Cold Diuresis in the Newborn—*D. A. Fisher* 636
Insulin Resistance in Diabetes in Juveniles: A Case Report in a Child and a Review of the Literature—*Richard A. Guthrie, D. Y. N. Murthy, and William Womack* 642
Juvenile Osteoporosis: Report of a Case Including a Description of Some Metabolic and Microradiographic Studies—*Mark D. Cloutier, Alvin B. Hayles, B. Lawrence Riggs, Jenifer Jowsey, and William H. Bickel* 649
Diagnosis and Treatment: Antibiotic Therapy of Infectious Diarrhea in Children—*Alice H. Cushing* 656

EXPERIENCE AND REASON—BRIEFLY RECORDED

Upper and Lower Gastrointestinal Tract Bleeding Induced by Whole Cow's Milk in an Atopic Infant—*Lillian P. Kravis, Gordon Donsky, and Harold I. Lecks* 661
Meconium Plug Syndrome with Aganglionosis—*G. Van Leeuwen, W. C. Riley, L. Glenn, and C. Woodruff* 665
An "Epidemic" of Congenital Facial Paresis and Heart Disease—*Glen G. Cayler* 666

REVIEW ARTICLE

Mycoplasma Infections in Childhood—*Wallace A. Clyde, Jr., and Floyd W. Denny* 669

SPECIAL ARTICLE

American Board of Pediatrics—*The Written Examination Committee* 685

LETTERS TO THE EDITOR 688

BOOK REVIEWS 702

NEW PUBLICATIONS RECEIVED 704

RESÚMENES EN ESPAÑOL 706

NUMBER 4, PART II, OCTOBER

Neonatal Pulmonary Ischemia Part 1: Clinical and Physiological Studies—*J. Chu, J. A. Clements, E. K. Cotton, M. H. Klaus, A. Y. Sweet, W. H. Tooley, B. A. Bradley, and L. C. Brandorff* 709

NUMBER 5, NOVEMBER

COMMENTARIES

Pediatrics at a Crossroad—*Richard T. Smith* 783
A New Antibody Test for Rubella—*Richard H. Michaels and Donald N. Medearis, Jr.* 787
Restriction Versus Exploration in the Newborn Nursery 788

ARTICLES

Rubella Antibody Determinations—*John L. Sever, David A. Fuccillo, Gary L. Gitnick, Robert J. Huebner, Mary Ruth Gilkeson, Anita C. Ley, Nancy Tzan, and Renee G. Traub* 789
Experiences with Jeryl Lynn Strain Live Attenuated Mumps Virus Vaccine in a Pediatric Out-

patient Clinic—*M. L. Young, B. Dickstein, R. E. Weibel, J. Stokes, Jr., E. B. Buynak, and M. R. Hilleman* 798
A Fatal Case of Dengue Hemorrhagic Fever in an American Child—*Philip K. Russell, Saowani Chumdermpadetsuk, and Prapont Piyaratn* 804
Granulomatous Cystitis of Children, Bilharzia Like, Occurring in British Columbia—*H. W. Johnson, G. B. Elliott, S. Israels, and J. Balfour* 808
High Urinary Diversion with an Ileal Conduit in Children—*James M. Holland, Lowell R. King, Horst K. A. Schirmer, and William Wallace Scott* 816
Treatment of Systemic Lupus Erythematosus Complicated by Nephritis in Children—*Wolfgang W. Hagge, Edmund C. Burke, and Gunnar B. Stickler* 822
Cystathioninuria in Galactosemia and Certain Types of Liver Disease—*Ellin Lieberman, Kenneth N. F. Shaw, and George N. Donnell* 828
The Significance of the Ph¹ Chromosome in Acute Myeloblastic Leukemia: Serial Cytogenetic Studies in a Critical Case—*Renato Mastrangelo, Wolf W. Zuelzer, and Ruby I. Thompson* .. 834
Translocation/Normal Mosaicism in D_1 Trisomy—*Miriam G. Wilson and John Melnyk* 842
Thrombocythemia in the Myeloproliferative Disorder of Down's Syndrome—*James McC. Miller, John G. Sherrill, and William E. Hathaway* 847
Effect of Transplacental Transfer of Antibody to Intrinsic Factor—*Leonard S. Goldberg, Eugene V. Barnett, and Rajendra Desai* 851
Hypermagnesemia in the Newborn Infant—*Philip J. Lipsitz and Inman C. English* 856
Body Composition of the Male Reference Infant During the First Year of Life—*Samuel J. Fomon* 863
The Efficiency of Methods Used to Evacuate the Stomach After Acute Ingestions—*Donald G. Corby, Richard C. Lisciandro, Richard H. Lehman, and Walter J. Decker* 871
Hearing Loss in Retinitis Pigmentosa—*Richard L. Goode, F. Mark Rafaty, and F. Blair Simmons* 875
Thyrotropin Deficiency in a Child Resulting in Secondary Growth Hormone Deficiency—*Chester W. Fink* 881
Wilms' Tumor and Congenital Hemihypertrophy: Report of Five New Cases and Review of Literature—*Joseph F. Fraumeni, Jr., Clementina F. Geiser, and Miriam D. Manning* 886

EXPERIENCE AND REASON—BRIEFLY RECORDED

Evaluation of Precautions Before Entering a Neonatal Unit—*William A. Silverman and John C. Sinclair* 900
Renal Lesions in Congenital Rubella—*Margaret A. Menser, S. E. J. Robertson, D. C. Dorman, Ailsa M. Gillespie, and A. M. Murphy* 901
Intravenous Cutdown—Technical Aid in Cannulation of Small Vessels—*S. G. Kramer* 904
Ototoxicity of Topical Neomycin Augmented by Dimethyl Sulfoxide—*J. Kenneth Herd, A. Cramer, F. C. Hoak, and B. M. Norcross* 905
The Pediatric Emergency Bed Service of Brooklyn—*University Committee for Child Care in Brooklyn* 907
Skin Rash with Infectious Mononucleosis and Ampicillin—*B. M. Patel* 910
Intensive Transfusion Therapy in Thalassemia Major—*Michael E. J. Beard, Thomas F. Necheles, and Donald M. Allen* 911

AMERICAN ACADEMY OF PEDIATRICS

Comments on Health Legislation, Medical Research, and New Nursery Design—*Committee on Fetus and Newborn* 923
Proposed Changes in Food and Drug Administration Regulations Concerning Formula Products and Vitamin-mineral Dietary Supplements for Infants—*Committee on Nutrition* 916
Baby Food as Special Dietary Foods—*Committee on Nutrition* 922

CORRECTION 880

LETTERS TO THE EDITOR 924

BOOK REVIEWS 930

RESÚMENES EN ESPAÑOL 931

NUMBER 6, DECEMBER

COMMENTARIES

Goiter—*Alfred M. Bongiovanni* 935

Pulmonary Function, Deduced from Urinary Nitrogen Tensions 937
Safety and Value of Liver Biopsy 938

ARTICLES

Readjustment in Distribution of Alveolar Ventilation and Lung Perfusion in the Newborn—*Marion K. Ledbetter, Takeshi Homma, and Leon E. Farhi* 940
Needle Biopsy of the Liver in Infancy and Childhood: A Safe Diagnostic Aid in Liver Disease—*W. Allan Walker, William Krivit, and Harvey L. Sharp* 946
The Lung, Tracheal Fluid, and Lipid Metabolism of the Fetus—*Emile M. Scarpelli* 951
Lung Function and Pathology in a Premature Infant with Chronic Pulmonary Insufficiency (Wilson-Mikity Syndrome)—*W. A. Aherne, K. W. Cross, E. N. Hey, and Sheila R. Lewis* 962
Disseminated Pathergic Granulomatosis in a 4-month-old Infant: A Case Report—*Joseph O. Collins, Harold A. Rosenberg, and Philip Warren* 975
Response of Infants to Trivalent Poliovirus Vaccine (Sabin Strains)—*William Murphy* 980
Paths of Lysine Degradation in Patients with Hyperlysinemia—*Norman C. Woody, and Eng Bee Ong, with Mary B. Pupene* 986
Negative Effects of Vitamin K Preparations on Glucuronyl Transferase Activity—*Barbara Jones* 993
Pigmented Lipid Histiocytosis and Susceptibility to Infection: Ultrastructure of Spenic Histiocytes—*Jacqueline Bartman, Robert L. Van de Velde, and Frederick Friedman* 1000
Clinical Application of the Auditory Averaged Evoked Response at Sleep Onset in the Diagnosis of Deafness—*Edward R. Ritvo, Edward M. Ornitz, and Richard D. Walter* 1003
The School Physician: A Study of Satisfaction with His Role—*Marsden G. Wagner, Lowell S. Levin, and Marian H. Heller* 1009
Chronic Fibrosing Pancreatitis in Childhood: A Cause of Recurrent Abdominal Pain—*Thomas E. Williams, Jr., Neil J. Sherman, and H. William Clatworthy, Jr.* 1019
Diagnosis and Treatment: Recurrent Abdominal Pain in Children—A Surgeon's Viewpoint—*Donald G. Marshall* 1024

EXPERIENCE AND REASON—BRIEFLY RECORDED

Error in Hematocrit Determinations Due To Too High Concentration of Anticoagulant—*Carol Cullum and Martha L. Lepow* 1027
Occurrence of Acute Glomerulonephritis in Sibling Contacts of Children with Sporadic Acute Glomerulonephritis—*Warren F. Dodge, Benjamin H. Spargo, and Luther B. Travis* 1028

SPECIAL ARTICLE

Dangers to Infants Caused by Changes in Osmolal Concentration—*Lawrence Finberg* 1031

CONTRIBUTOR'S SECTION

Annual Summary of Vital Statistics—1966—*Myron E. Wegman* 1035

AMERICAN ACADEMY OF PEDIATRICS

Presidents' Address—*William S. Anderson* 1046
Acceptance of the Presidency of the American Academy of Pediatrics—*George B. Logan* 1049
The Relation Between Infantile Hypercalcemia and Vitamin D—Public Health Implications in North America—*Committee on Nutrition* 1050

LETTERS TO THE EDITOR 1062

CORRECTION 1066

BOOK REVIEWS 1070

NEW PUBLICATIONS RECEIVED 1074

RESÚMENES EN ESPAÑOL 1075

INDEX 1078

3
0
3
1
2
5
0
6
3
0
3
09
19
24
27
28
31
35
046
049
050
062
066
070
074
075
078

VOLUME